

- 1 -

piece 1, NC_000913, rhaB_rhaS+, config: linear, direction: +, begin: 4095442, end: 4095778

5' * *4095450 * *4095460 * *4095470 * *4095480 * *4095490 * *4095500 * *4095510 * *4095520
- ile - asp - gly - asp - thr - ile - ala - lys - gly - his - asn - val - ile - leu - leu - asn - phe - ile - thr - thr - ser - leu - lys - ser - ala -
- ser - thr - ala - thr - gln - leu - arg - lys - val - ile - met -
- arg - arg - arg - his - asn - cys - glu - arg - ser -

[###] orf 15 codons

NC_000913.rhaB ir rhaB_rhaS+

sd

{---} sd-(8)-ir 4095475 Gap 2.4 bits
sd-ir 4095475 rhaB_rhaS+ total 5.9 bits

5' * *4095530 * *4095540 * *4095550 * *4095560 * *4095570 * *4095580 * *4095590 * *4095600
- fMet - gly - his - trp - gln - pro - gly - lys - asp - glu - arg - asp - asp - val - his - asn - leu - leu -
- fMet - amn - val - met - met - phe - thr - ile - cys -
- fMet - ala - thr - arg - glu - arg -

[###] ... orf

ir rhaB_rhaS+ ir rhaB_rhaS+

{---} sd-(5)-ir 4095575 Gap 5.4 bits

... sd

{---} sd-ir 4095575 rhaB_rhaS+ total 7.5 bits
{---} sd-(11)-ir 4095581 Gap 3.0 bits
sd-ir 4095581 rhaB_rhaS+ total 6.2 bits

{---} sd-(14)-ir 4095584 Gap 4.9 bits
sd-ir 4095584 rhaB_rhaS+ total 6.4 bits

5' * *4095610 * *4095620 * *4095630 * *4095640 * *4095650 * *4095660 * *4095670 * *4095680
- asn - cys - gly - asp - val - met - leu - thr - ala - phe - pro - glu - asn - ser - arg - cys - ile - leu - lys - asn - arg - arg - phe - leu - arg - gly - phe -
- fMet - trp - met -
- fMet - val - met -

[###] orf 10 codons

ir rhaB_rhaS+

p35 3.9 bits

{---} sd-(8)-ir 4095619 Gap 2.4 bits

sd

... p35-(21)-p10 4095691 Gap

... p35-p10 4095691 total 4.2

{---} sd-ir 4095619 rhaB_rhaS+ total 6.3 bits

5' * *4095690 * *4095700 * *4095710 * *4095720 * *4095730 * *4095740 * *4095750 * *4095760 *
- pro - ser - lys - ile -
- arg - arg - lys - phe - lys - val - arg - thr -
- fMet - ile - thr - ile - ser - pro - cys -

[###] orf 27 codons

p10 5.6 bits

sd

[---] ... NC_000913.rhaS

{---} p35-(21)-p10 4095691 Gap 3.3 bits

p35 5.5 bits

... ir

